

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/661,453

DATE: 09/27/2000
TIME: 15:26:38

Input Set : A:\Pto.amc
Output Set: N:\CRF3\09272000\I661453.raw

P-5

2 <110> APPLICANT: Ruben et al.
4 <120> TITLE OF INVENTION: 27 Human secreted proteins
6 <130> FILE REFERENCE: PZ038P1
C--> 8 <140> CURRENT APPLICATION NUMBER: US/09/661,453
9 <141> CURRENT FILING DATE: 2000-09-13
11 <150> PRIOR APPLICATION NUMBER: PCT/US00/06783
12 <151> PRIOR FILING DATE: 2000-03-16
14 <150> PRIOR APPLICATION NUMBER: 60/125,055
15 <151> PRIOR FILING DATE: 1999-03-18
17 <160> NUMBER OF SEQ ID NOS: 156
19 <170> SOFTWARE: PatentIn Ver. 2.0
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23 <211> LENGTH: 733
24 <212> TYPE: DNA
25 <213> ORGANISM: Homo sapiens
27 <400> SEQUENCE: 1
28 gggatccgga gcccaaatct tctgacaaaa ctacacatg cccaccgtgc ccagcacctg 60
29 aattcgaggg tgcaccgtca gtcttctctt tccccccaaa acccaaggac accctcatga 120
30 tctcccggac tcttgaggtc acatgcgtgg tggtagacgt aagccacgaa gaccctgagg 180
31 tcaagttaa ctggtacgtg gacggcgtgg aggtgcataa tgccaagaca aagccgcggg 240
32 aggagcagta caacagcacg taccgtgtgg tcagcgtcct caccgtcctg caccaggact 300
33 ggctgaatgg caaggagtac aagtgcagg tctccaacaa agccctccca acccccatcg 360
34 agaaaacat ctccaaagcc aaagggcagc ccgagaaacc acaggtgtac accctgcccc 420
35 cateccggga tgaagtgacc aagaaccagg tcagcctgac ctgcctgggc aaaggcttct 480
36 atccaagcga catcgccgtg gagtgggaga gcaatgggca gccggagaac aactacaaga 540
37 ccacgcctcc cgtgctggac tccgacggct ccttcttctt ctacagcaag ctcaccgtgg 600
38 acaagagcag gtggcagcag gggaacgtct tctcatgctc cgtgatgcac gaggtcttgc 660
39 acaaccacta cagcagaag agcctctccc tgtctccggg taaatgagtg cgacggccgc 720
40 gactctagag gat 733
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44 <211> LENGTH: 5
45 <212> TYPE: PRT
46 <213> ORGANISM: Homo sapiens
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49 <221> NAME/KEY: Site
50 <222> LOCATION: (3)
51 <223> OTHER INFORMATION: Xaa equals any of the twenty naturally occurring L-amino acids
53 <400> SEQUENCE: 2
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55 1 5
57 <210> SEQ ID NO: 3
58 <211> LENGTH: 86
59 <212> TYPE: DNA
60 <213> ORGANISM: Homo sapiens
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63 gcgcctcgag atttccccga aatctagatt tccccgaaat gatttccccg aaatgatttc 60
64 cccgaaatat ctgccatctc aattag 86

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67 <210> SEQ ID NO: 4
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83 aaatatctgc catctcaatt agtcagcaac catagtcccc cccctaactc cgcccatccc 120
84 gcccttaact ccgccagttt ccgccattc tccgcccacat ggctgactaa ttttttttat 180
85 ttatgcagag gccgaggccg cctcggcctc tgagctattc cagaagtagt gaggaggctt 240
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127 <211> LENGTH: 256
128 <212> TYPE: DNA
129 <213> ORGANISM: Homo sapiens
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133 caattagtcg gcaaccatag tccgcccctt aactccgcc atccccccc taactccgcc 120
134 cagttccgcc cattctccgc cccatggctg actaatTTTT tttatttatg cagaggccga 180

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136 cttttgcaaa aagctt 256
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150 <221> NAME/KEY: SITE
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172 <223> OTHER INFORMATION: n equals a,t,g, or c
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177 gggccttttc ctttccaac tgcctcagct gctgctgccg acgacgaccg cggggggagg 180
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179 cttcttccac cagaagggcc tccaggattt tgacactctg ctccctgagt gtgatggaaa 300
180 tactctctac gtggggggctc gagaagccat tctggccttg gatattccagg atccaggggt 360
181 ccccaggcta aagaacatga taccgtggcc agccagtgc agaaaaaaga gtgaatgtgc 420
182 cttaagaag aagagcaatg agacacagtg ttcaacttc atccgtgtcc tggtttctta 480
183 caatgtcacc catctctaca cctgcggcac ctctgccttc agccctgctt gtaccttcat 540
184 tgaacttcaa gattcctacc tgttgcccat ctggaggac aaggtcatgg agggaaaagg 600
185 ccaaagcccc tttagccccg ctcaacaagca tacggctgtc ttgggtgatg ggatgctcta 660
186 ttctggtact atgaacaact tcttgggcag tgagcccatc ctgatgcgca cactgggatc 720
187 ccagcctgtc ctcaagaccg acaacttctt ccgctggctg catcatgacg cctcctttgt 780
188 ggcagccatc ccttcgaccc aggtcgtcta cttcttcttc gaggagacag ccagcgagtt 840
189 tgacttcttt gagaggctcc acacatcgcg ggtggctaga gtctgcaaga atgacgtggg 900
190 cggcgaaaag ctgctgcaga agaagtggac cacttctctg aaggcccagc tgctctgcac 960
191 ccagccgggg cagctgcctt tcaacgtcat ccgccacgcg gtccctgtcc ccgccgattc 1020
192 tcccacagct ccccatctt acgcagtctt cacctcccag tggcagggtg gcgggaccag 1080

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195 ccggscaggc agttgctyar tgggcccty ctctgataag gccctgacct tcatgaagga 1260
196 ccatttcctg atggatgagc aagtgggtgg gacgccctg ctggtgaaat ctggcggtga 1320
197 gtatacacgg cttgcagtg agacagccca ggcccttgat gggcacagcc atcttgcat 1380
198 gtacctggga accaccacag ggtcgtcca caaggtgtg gtaagtggg acagcagtgc 1440
199 tcctctggtg gaagagattc agctgytccc tgacctgaa cctgttcgca acctgcagct 1500
200 ggccccacc cagggtgcag tgtttgkagg ctctyagga ggtgtctgra ggtgccccg 1560
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206 cccagcagca gtcccagaag cctcttccac tgtctacaat ggctccctct tgcgtatagt 1920
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208 tgtgatctcc tactgggtgg acagccagga ccagaccctg gccctggatc ctgaactggc 2040
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210 ggctgccag cagtcctact ggccccactt tgtcactgtc actgtcctct ttgccttagt 2160
211 gctttcagga gccctcaca tctcctgtgg cctccattg agagcactcc gggctcgggg 2220
212 caagggttca ggtgtgaga cctgcgcgcc tggggagaag gccccgttaa gcagagagca 2280
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221 tatgctaaca tgcactcct ggaaactcca ctctgaagct gccgcttgg acaccaacac 2820
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223 ccgctgactc ccagggaagt ttycctgaag tctgaccacc ttctctcttg cttcagttgg 2940
224 ggcagactct gatccctctt gccctggcag aatggcaggg gtaactgag cctctctcac 3000
225 tcttttacc tagctgacc cttcacctct cccctcctt ttctcttgt tttgggattc 3060
226 agaaaaactg ttgtcagaga ctgtttattt tttattaaaa atataaggct taaaaaaaaa 3120
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233 <212> TYPE: DNA
234 <213> ORGANISM: Homo sapiens
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239 cctcgtgcgg ccaagacgtg gatgttctct ctcttgctgg ggggagcctg ggcagcgtgt 180
240 ggaagcctgg acctcctcac taagttgtat gcggagaact tgcggtgtgt ccatttgaac 240
241 ccacagtggc cttcccagcc ctgcactgc cccagagggt ggcgatccaa cctctcctt 300
242 cctgctgcag gacactccag ggcacaggag gacaagggtc tgggggttca tgagtgcac 360
243 cccattcgc agccttggca ggcggccttg ttccagggcc agcaactact ctgtggcggt 420
244 gtccttgtag gtggcaactg ggtccttaca gctgccact gtaaaaaacc gaaatacaca 480

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245 gtacgcctgg gagaccacag cctacagaat aaagatggcc cagagcaaga aatacctgtg      540
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247 ctgatgcttc ttcaactgcg tgaccaggca tccctggggg ccaagtga gcccacagc      660
248 ctggcagatc attgcaccca gctgggccag aagtgcaccg tctcaggctg gggcactgtc      720
249 accagtcgcc gagagaattt tctgacact ctcaactgtg cagaagtaaa aatctttccc      780
250 cagaagaagt gtgaggatgc ttaccggggg cagatcacag atggcatggt ctgtgcaggc      840
251 agcagcaaa gggctgacac gtgccagggc gattctggag gcccctggt gtgtgatggt      900
252 gcactccagg gcatcacatc ctggggctca gacctgtg ggaggtccga caaacctggc      960
253 gtctatacca acatctgccg ctacctggac tggatcaaga agatcatagg cagcaagggc     1020
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281 ctctacttta ctcaacaaaa gtgaagccaa aagatactat tttttgatt tgggtggctt      180
282 ttcttcatgc gccaatgtt taaagactat gagatacgto agtatgttgt acagggtgatc      240
283 ttctccgtga cgtttgcatt ttctgcacc atgtttgagc tcatcatctt tgaatctta      300
284 ggagtattga atagcagctc ccgttatctt cactggaaaa tgaacctgtg ygtaatctg      360
285 ctgatcctgg ttttcatggt gctttttac attggtatt ttattgtgag caatatccga      420
286 ctactgcata aacaacgact gcttttttc tgtctcttat ggctgacctt tatgtattc      480
287 ttctggaaac taggagatcc ctttccatt ctacgcccac aacatgggat ctatccata      540
288 gaacagctca tcagccgggt tgggtgtgatt ggagtgactc tcatggctct tctttctgga      600
289 tttggtgctg tcaactgccc atacacttac atgtcttact tcttcaggaa tgtgactgac      660
290 acrgatatcc tagccctgga acggcgactg ctgcaaacca tggatatgat cataagcaaa      720
291 aagaaaaagg tggcaatggc acggagaaca atgttccaga agggggaagt gcataacaaa      780
292 ccatcagggt tctggggaat gataaaaagt gttaccactt cagcatcagg aagtgaatat      840
293 ctactcttta ttcaacagga agtggatgct ttggaagaat taagcaggca gcttttctg      900
294 gaaacagctg atctatatgc taccaaggag agaatagaat actccaaac ctcaagggg      960
295 aaatatctta attttcttg ttacttttct tctatttact gtgtttgaa aattttcatg     1020
296 gctaccatca atattgtttt tgatcgagtt gggaaaacgg atcctgtcac aagaggcatt     1080
297 gagatcactg tgaattatct gggaaatccaa tttgatgtga agttttggtc coaacacatt     1140
298 tcttcatcct ttgttgaat aatcatcgct acatccatca gaggattggt gatcactctt     1200
299 accaagttct tttatgcat ctctagcagt aagtcctcca atgtcattgt cctgctatta     1260

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FYI

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

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L:8 M:270 C: Current Application Number differs, Replaced Current Application Number
L:54 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:175 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:227 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:228 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:310 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:311 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:335 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
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L:889 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27
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L:3324 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77